

Practice Workbook: Introduction to Vi Editor

1. **Type the following text in vi. Save the file under the name of extract.txt. Keep the spaces between lines and punctuation exactly like in the text.**

Odd things happen to all of us on our way through life without our noticing for a time that they have happened. Thus, to take an instance, we suddenly discover that we have been deaf in one ear for we don't know how long, but, say, half an hour.

Now such an experience had come that night to Peter. When last we saw him he was stealing across the island with one finger to his lips and his dagger at the ready. He had seen the crocodile pass by without noticing anything peculiar about it, but by and by he remembered that it had not been ticking. At first he thought this eerie, but soon concluded rightly that the clock had run down.

Without giving a thought to what might be the feelings of a fellow-creature thus abruptly deprived of its closest companion, Peter began to consider how he could turn the catastrophe to his own use; and he decided to tick, so that wild beasts should believe he was the crocodile and let him pass unmolested. He ticked superbly, but with one unforeseen result.

2. **Copy and paste the following text in vi.**

I think all were gone when a group of savage boys surrounded Hook, who seemed to have a charmed life, as he kept them at bay in that circle of fire. They had done for his dogs, but this man alone seemed to be a match for them all. Again and again they closed upon him, and again and again he hewed a clear space. He had lifted up one boy with his hook, and was using him as a buckler, when another, who had just passed his sword through Mullins, sprang into the fray.

"Put up your swords, boys," cried the newcomer, "this man is mine."

Thus suddenly Hook found himself face to face with Peter. The others drew back and formed a ring around them.

For long the two enemies looked at one another, Hook shuddering slightly, and Peter with the strange smile upon his face.

"So, Pan," said Hook at last, "this is all your doing."

"Ay, James Hook," came the stern answer, "it is all my doing."

"Proud and insolent youth," said Hook, "prepare to meet thy doom."

"Dark and sinister man," Peter answered, "have at thee."

In the text search for all the occurrences of the word "last" and replace it with word "first". Save the file under the same name and exit the editor.

- 3. Print out the following portion of Python code, then type it in vi. Type in the following code in vi, then save it in file named `sum_of_square_series.py`. Ensure that the code is as it is.**

```
# Function to calculate the sum of a series

def sum_of_square_series(number):
    total = 0

    total = (number * (number + 1) * (2 * number + 1)) / 6

    for i in range(1, number + 1):
        if(i != number):
            print("%d^2 + " %i, end = ' ')
        else:
            print("{0}^2 = {1}".format(i, total))

num = int(input("Please Enter any Positive Number : "))
sum_of_square_series(num)
```

- 4. Type the following text consisting of three paragraphs. Using copy & paste command, inverse the order of the two paragraphs so that the first paragraph comes last, the second remains second, and the last becomes first.**

Of course Peter promised; and then he flew away. He took Mrs. Darling's kiss with him. The kiss that had been for no one else, Peter took quite easily. Funny. But she

seemed satisfied.

Of course all the boys went to school; and most of them got into Class III, but Slightly was put first into Class IV and then into Class V. Class I is the top class. Before they had attended school a week they saw what goats they had been not to remain on the island; but it was too late now, and soon they settled down to being as ordinary as you or me or Jenkins minor. It is sad to have to say that the power to fly gradually left them.

At first Nana tied their feet to the bed-posts so that they should not fly away in the night; and one of their diversions by day was to pretend to fall off buses; but by and by they ceased to tug at their bonds in bed, and found that they hurt themselves when they let go of the bus. In time they could not even fly after their hats. Want of practice, they called it; but what it really meant was that they no longer believed.

Then save the file under a new name `first-draft.txt`. After you save the file do not exit vi. Add your own fourth paragraph. Save the final file under a file with the name `final-draft.txt` and exit vi.

5. Using vi, merge the content of the following three paragraphs of text which are initially stored in three separate files called `first.txt`, `second.txt` and `third.txt`. The results will be stored in a file called `fourth.txt` in this order: `third.txt`, `first.txt` and `second.txt`.

first.txt

1

Even now we venture into that familiar nursery only because its lawful occupants are on their way home; we are merely hurrying on in advance of them to see that their beds are properly aired and that Mr. and Mrs. Darling do not go out for the evening.

second.txt

2 One thing I should like to do immensely, and that is to tell her, in the way authors have, that the children are coming back, that indeed they will be here on Thursday week. This would spoil so completely the surprise to which Wendy and John and Michael are looking forward.

third.txt

1 You see, the woman had no proper spirit. I had meant to say extraordinarily nice things about her; but I despise her, and not one of them will I say now. She does not really need to be told to have things ready, for they are ready. All the beds are aired, and she never leaves the house, and observe, the window is open.